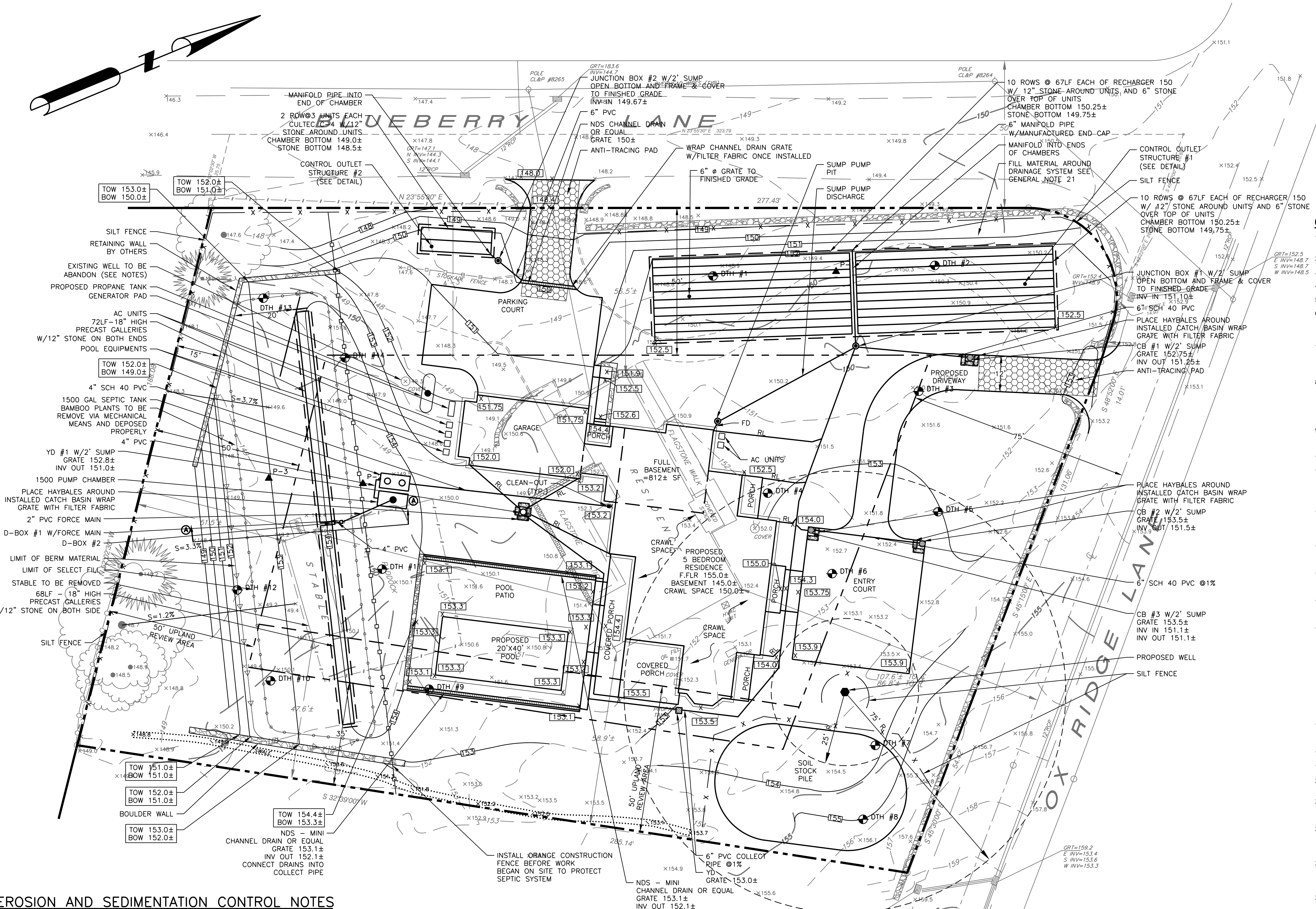

SITE PLAN

SCALE: 1"=20'

NOTE:

1. ANY WORK DONE IN THE TOWN OF DARIEN RIGHT-OF-WAY OR STREET WILL REQUIRE A ROAD OPENING PERMIT FROM DPW.
2. INSTALLATION OF ROAD CURB CUT WILL REQUIRE A PERMIT FROM DPW.
3. NO BELGUM BLOCKS ARE PERMITTED WITHIN ONE FOOT OF THE EDGE OF THE ROAD.
4. AN AS BUILT SHALL BE PREPARED BY A LICENSED LAND SURVEYOR AND CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER. AS BUILT SHALL SHOW ALL UTILITIES OR BURIED INFRASTRUCTURE INSTALLED AND SHALL INCLUDE MEASUREMENTS FROM KNOWN PERMANENT AND VISIBLE SURFACE FEATURES SO THAT BURIED INFRASTRUCTURES CAN BE LOCATED IN FUTURE.

TABLE OF INVERTS

SCH 40 @ HOUSE	153.10(MIN)
SEPTIC TANK	
INLET	151.66
OUTLET	151.41
PUMP CHAMBER	
INLET	150.91
D -BOX #1 WITH FORCE MAIN	
INLET	153.61
OUTLET	153.45
D -BOX #2	
INLET	153.45
LATERAL	153.10
GALLERY INVERT	153.10
GALLERY BOTTOM	151.60

LOCATION MAP

SCALE: 1":600'

GENERAL NOTES

1. LOT LINES HAVE BEEN TAKEN FROM PLANS PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES, PC, DARIEN, CT, TITLED "ZONING LOCATION AND TOPOGRAPHIC SURVEY", DATED 2/26/20.
2. THE PROPERTY LINES ARE TO BE STAKED PRIOR TO CONSTRUCTION OF THE DWELLING OR INSTALLATION OF THE SEPTIC SYSTEM.
3. FIELD DATA COLLECTED 7/29/20 BY DIVESTA CIVIL ENGINEERING ASSOCIATES, INC.
4. THERE IS NO APPARENT INTERFERENCE WITH WELLS OR SEPTIC SYSTEMS ON ADJACENT PROPERTIES.
5. THE CONTRACTOR MUST OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL AGENCIES PRIOR TO CONSTRUCTION.
6. BASED ON AN OBSERVED PERCOLATION RATE OF 1"/30.1 – 45 MIN., A 5 BEDROOM DWELLING AND A 1500 GALLON TWO COMPARTMENT SEPTIC TANK, 950 SQ. FT. OF EFFECTIVE LEACHING AREA MUST BE PROVIDED AS PER THE STATE OF CONNECTICUT HEALTH CODE. INSTALL 144 LINEAR FEET OF 18-INCH HIGH PRE CAST GALLERIES WITH PIPE ON TOP OF STONE PROVIDING 1008-SQ. FT. OF EFFECTIVE LEACHING AREA. ENDS OF TRENCH PIPING SHALL BE CAPPED WITH MANUFACTURED CAPS.
7. PROVIDE A 1500 GALLON TWO COMPARTMENT SEPTIC TANK AS MANUFACTURED BY M & M SEPTIC TANK CO. OR EQUAL. THE SEAMS OF THE TANK SHALL BE TARRED OR WATER SEALED PRIOR TO TANK INSTALLATION. INLET AND OUTLET PIPES SHALL ALSO BE SEALED WATERTIGHT. IF 12" OR GREATER OF COVER EXISTS OVER THE TANK, RISERS SHALL BE INSTALLED TO GRADE. RISERS SHALL BE WATERTIGHT AND SEALED ON TOP OF THE TANK. SEPTIC TANK IS TO HAVE AN APPROVED OUTLET FILTER AND MEET THE CURRENT HEALTH CODE.
8. HOUSE SEWER TO BE CONSTRUCTED OF 4" SCH 40 PVC OR EQUAL. MINIMUM PITCH ON HOUSE SEWER FROM HOUSE TO SEPTIC TANK TO BE ONE-QUARTER-INCH PER FOOT AND SEWER FROM SEPTIC TANK TO LEACHING SYSTEM TO BE ONE-EIGHTH-INCH PER FOOT. ALL EFFLUENT PIPES DISPERSING FLOWS TO DISTRIBUTION BOXES TO BE 4" SOLID PVC (ASTM D3033 OR 3034, SDR 35) WITH SOLVENT SEALED JOINTS OR EQUAL. CHANGES IN DIRECTION TO BE MADE WITH THE APPROPRIATE COMMERCIALLY MANUFACTURED FITTINGS. ALL PIPES TO BE PROPERLY GROUTED INTO SEPTIC TANK, PUMP CHAMBER AND DISTRIBUTION BOXES AND PROPERLY SUPPORTED. USE DISTRIBUTION BOX DB-5 AND/OR DB-3 AS MANUFACTURED BY M & M SEPTIC TANK CO. PERFORATED EFFLUENT DISTRIBUTION PIPE TO BE 4" DIAMETER ASTM D2729 PVC PIPE.
9. PROVIDE A 1,500-GALLON PUMP CHAMBER AS MANUFACTURED BY M & M SEPTIC TANK CO. OR EQUAL WITH A 6" (MIN) WIRE MESH, REINFORCED CONCRETE SADDLE OR PRE-CAST EQUAL. THE SEAMS OF THE PUMP CHAMBER SHALL BE TARRED OR WATER SEALED PRIOR TO CHAMBER INSTALLATION. A MANHOLE SHALL EXTEND TO FINISHED GRADE.
10. SEPTIC TANK AND PUMP CHAMBER SHALL BE LAID LEVEL ON A 6" BED OF CRUSHED STONE.
11. THE PUMP SHALL BE GOULD MODEL #3885; WE0311H; 1/3 HP; SINGLE PHASE OR EQUAL. MECHANICAL LEVEL CONTROL FLOAT SWITCHES ARE TO BE PROVIDED AND SET SO THAT THE PUMP DISCHARGES 125 GALLONS PER CYCLE. CONTROL PANEL TO BE HOWARD "A" OR EQUAL WITH ON/OFF/MANUAL SWITCH. A CLEARLY AUDIBLE, HIGH LIQUID LEVEL ALARM IS TO BE SET INSIDE THE HOUSE. ELECTRICAL HOOKUP TO THE ALARM IS TO BE PLACED IN A MINIMUM 4"X 4" WEATHER TIGHT BOX SET A MINIMUM 12" ABOVE FINISHED GRADE IN A PROTECTED LOCATION. A SERVICE DISCONNECT IS TO BE IN VIEW OF THE PUMP CHAMBER. ALL ELECTRICAL WORK REQUIRES A SEPARATE PERMIT FROM THE LOCAL BUILDING OFFICIAL.
12. THE 2" PVC (ASTM D2241) FORCE MAIN SHALL BE LAID 42" BELOW GRADE WHEREVER POSSIBLE. THE INVERT OF THE FORCE MAIN SHOULD BE 2" ABOVE THE OUTLET OF THE BAFFLED DISTRIBUTION BOX. WHEN NOT POSSIBLE, ITS PITCH SHALL BE SUCH THAT DURING PUMP SHUTDOWN, THE EFFLUENT FLOWS BACK INTO THE PUMP CHAMBER. A CHECK VALVE WITH A WEEP HOLE SHALL BE PROVIDED. FORCE MAIN SHALL BE PROPERLY SUPPORTED AND USE OF THRUST BLOCKS AT SHARP BENDS SHALL BE UTILIZED.
13. ALL STONE AGGREGATE FOR THE LEACHING SYSTEM SHALL BE BROKEN STONE MEETING THE DEPARTMENT OF TRANSPORTATION FORM 814 SPECIFICATION M.01.01 FOR NO. 4 STONE. STONE AGGREGATE SHALL BE FREE OF SILT, DIRT OR DEBRIS AND SHALL SHOW A LOSS OF ABRASION OF NOT MORE THAN 50% USING AASHTO METHOD T-96.
14. CLEAR LEACHING AREA OF TREES AND SHRUBS BY CUTTING VEGETATION FLUSH WITH EXISTING GRADE. STUMPS SHALL BE REMOVED AND DISPOSED OF PROPERLY. REMOVE TOPSOIL AND SCARIFY GROUND SURFACE WITH BUCKET TEETH OR HARROW TO A DEPTH OF 6" (MIN) BEFORE PLACING SELECT BACKFILL MATERIAL. PROTECT THE PREPARED SURFACE FROM MACHINE OR VEHICULAR TRAFFIC.
15. REMOVE ALL ROCKS OF 18" OR LARGER BEFORE THE INSTALLATION OF THE SEPTIC LEACHING TRENCHES. THE AREA WHERE THE ROCKS HAVE BEEN REMOVED SELECT FILL IS TO BE PLACED AND COMPACTED. FINISH GRADE OF THE PROPOSED SEPTIC SYSTEM AREA WITH SELECT BACKFILL MATERIAL, IF REQUIRED, TO A DEPTH AND SLOPE AS SHOWN ON THE SITE PROFILE.
16. SELECT BACKFILL MATERIAL SHALL BE A CLEAN, BANK-RUN SAND OR GRAVEL FILL WITH NO MORE THAN 5% (PREFERABLY 2%) FINES PASSING A NUMBER 200 SIEVE. IT SHALL HAVE A PERCOLATION RATE EQUAL TO OR FASTER THAN THE UNDERLYING NATURALLY OCCURRING SOIL. GRADATION TO BE AS FOLLOWS:

SIEVE SIZE:	#4	#10	#40	#100	#200
% PASSING:	100	70–100	10–50	0–5	0–2.5

THE CONTRACTOR IS TO PROVIDE A COPY OF THE SIEVE ANALYSIS FROM A CERTIFIED TESTING LAB, AS WELL AS A SAMPLE OF THE MATERIAL TO THE ENGINEER OF RECORD AND SANITARIAN. THE SIEVE ANALYSIS SHALL HAVE A CURRENT DATE AND JOB LOCATION. THE ENGINEER OF RECORD AND THE SANITARIAN MUST APPROVE THE SELECT FILL PRIOR TO ITS PLACEMENT.
NOTE: PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10%, AND THE #200 SIEVE DOES NOT EXCEED 5%.

17. THE RESPONSIBILITY FOR THE PREPARATION OF A LEACHING AREA UTILIZING "SELECT MATERIAL" IS THAT OF THE LICENSED INSTALLER. THE INSTALLER SHALL TAKE THE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVER COMPACTION AND SILTATION ONCE EXPOSED.
18. SELECT FILL SHALL BE PERCED IN PLACE AND APPROVED BY THE ENGINEER.
19. NON-SELECT FILL SHALL BE A CLEAN LOAM OR BETTER FREE OF ORGANIC MATTER.
20. GRAVEL FILL TO BE DUMPED AT THE EDGE OF PREPARED LEACHING AREA AND PUSHED ONTO HARROWED SURFACE WITH TRACK MACHINE IN 12" (MAX) LIFTS. GRAVEL TO BE COMPACTED TO 90% – 95% PROCTOR DENSITY – MODIFIED OPTIMUM DENSITY ASTM 1557 METHOD "C".
21. BERM MATERIAL SHALL BE PLACED AS DIMENSIONED ON PLAN. THIS MATERIAL SHALL CONSIST OF CLEAN, SANDY LOAM, FREE OF LARGE STONES AND DEBRIS THAT MAY CREATE LARGE VOIDS, AND BE RATED AT ONE INCH IN 15 TO 25 MINUTE PERCOLATION. THE MATERIAL EXCAVATED FROM TRENCHES CAN BE USED AS LONG AS IT MEETS THIS SPECIFICATION. USE GRASS OR PLANTINGS TO STABILIZE EMBANKMENT.
22. CONTRACTOR TO NOTIFY ENGINEER AND HEALTH DEPARTMENT WITHIN 24 HOURS BEFORE COMMENCING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE INSTALLER TO KEEP BOTH THE ENGINEER OF RECORD AND THE TOWN OF DARIEN HEALTH DEPARTMENT INFORMED OF CONSTRUCTION PROGRESS. ENGINEER SHALL ALSO BE NOTIFIED AT LEAST ONCE DURING CONSTRUCTION AND FOR FINAL INSPECTION.
23. UNDERGROUND SOIL INFORMATION HAS BEEN OBTAINED FROM DEEP TEST HOLES WITHIN THE AREA OF THE PROPOSED SYSTEM AS SHOWN OF THE PLAN. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE DARIEN HEALTH DEPARTMENT, AND THE ENGINEER OF RECORD, SHOULD CONDITIONS ENCOUNTERED DIFFER FROM THOSE STATED ON THIS PLAN. THIS INCLUDES DEPTH OF LEDGE, AND OBSERVED GROUNDWATER DEPTH.
24. DURING CONSTRUCTION, ANY DEVIATION FROM THIS PLAN MUST BE APPROVED BY THE DARIEN HEALTH DEPARTMENT, AND THE ENGINEER OF RECORD.
25. INSTALLATION OF THIS SYSTEM IS UNDER THE JURISDICTION OF THE TOWN OF DARIEN SANITARIAN. ALL PARTS OF THE PROPOSED SUB-SURFACE SEWAGE DISPOSAL SYSTEM SHALL BE A MINIMUM OF 25 FEET FROM THE PROPOSED RESIDENCE AND A MINIMUM OF 15 FEET FROM ALL PROPERTY LINES, 25 FEET FROM THE DOWN GRADIENT PROPERTY LINE AND SHALL CONFORM TO ALL APPLICABLE LOCAL AND/OR STATE CODES. WHEN ARTESIAN WELL WATER SUPPLY ARE TO BE UTILIZED. NO WATER LINE SHALL BE WITHIN 10 FT. OF ANY PORTION OF THE SEPTIC SYSTEM.
26. EROSION AND SEDIMENT CONTROL MEASURES SPECIFIED IN THE PLAN SHALL BE MAINTAINED UNTIL DISTURBED AREAS HAVE BEEN STABILIZED.
27. THIS DESIGN CONFORMS TO APPLICABLE CODES FOR A NON-COMPLY SYSTEM AND ACCEPTED PRACTICE. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE DESIGN OF THIS SEWAGE DISPOSAL SYSTEM IS IN CONFORMANCE WITH STATE AND LOCAL SANITARY CODE REQUIREMENTS AS WELL AS ACCEPTED PROFESSIONAL DESIGN PRINCIPLES. IT IS IN NO WAY A GUARANTEE AGAINST FAILURE DUE TO INDETERMINABLE FUTURE CIRCUMSTANCES INVOLVING INSTALLATION, SITE GRADING, WATER USAGE AND MAINTENANCE OF THE SYSTEM OR VARIATIONS IN SOIL OR GROUND WATER CONDITIONS BEYOND THE SCOPE OF NORMAL FIELD INVESTIGATION.
28. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT RECORD DRAWINGS TO THE DARIEN HEALTH DEPARTMENT AND THE ENGINEER. THE RECORD DRAWINGS SHALL GIVE TWO (2) TIES TO ALL DISTRIBUTION BOXES, LOCATION OF TANKS AND LEACHING FIELD AND INVERT ELEVATIONS
29. RECORD DIMENSIONS ARE TO BE SUBMITTED BY THE ENGINEER TO THE DEPARTMENT OF HEALTH UPON COMPLETION, INSPECTION AND FIELD APPROVAL OF THE SYSTEM
30. THE CONTRACTOR IS TO VERIFY TOPOGRAPHIC INFORMATION AND LOCATIONS OF ALL UTILITIES PRIOR TO INSTALLATION OF THE SEPTIC SYSTEM.
31. THE CONTRACTOR IS TO CONTACT 'CALL BEFORE YOU DIG' TO HAVE ALL UTILITY LINES CLEARLY MARKED PRIOR TO ANY EXCAVATION.
32. WATER CONSERVATION DEVICES ARE RECOMMENDED TO BE INSTALLED ON ALL FAUCETS, SHOWERHEADS AND TOILETS.
33. THIS SYSTEM IS NOT DESIGNED FOR THE DISCHARGES FROM GARBAGE DISPOSALS, A LARGE STYLE TUB OR WATER TREATMENT DEVICES. IF A GARBAGE DISPOSAL OR A LARGE STYLE TUB OF 100 TO 200 GALLONS IS USED, THEN THE SEPTIC TANK CAPACITY SHALL BE INCREASE BY 250 GALLONS FOR EACH.
34. THERE SHALL BE NO ROOF LEADERS, SUMP PUMPS, FOUNDATION DRAINS, YARD DRAINS OR OTHER CONTINUOUS SOURCE OF WATER THAT DISCHARGES INTO THE SUBSURFACE DISPOSAL SYSTEM. FINAL GRADE OF THE SITE AND SEPTIC AREA TO PREVENT SURFACE DRAINAGE FROM ENTERING THE SYSTEM.
35. THE LEACHING AREA SHALL BE LOCATED BY FIELD STAKES OR MARKERS, PRIOR TO ANY SITE WORK, IN ORDER TO CLEARLY IDENTIFY THE LEACHING AREA AND TO PROTECT IT FROM ALL CONSTRUCTION TRAFFIC & POTENTIAL DAMAGE.
36. A SCARIFICATION INSPECTION BY THE HEALTH DEPARTMENT SANITARIAN, DESIGN ENGINEER, AND THE LICENSED INSTALLER OF RECORD SHALL BE CONDUCTED PRIOR TO THE PLACEMENT OF ANY "SELECT MATERIAL" OR FILL IN THE PRIMARY LEACHING AREA. IF THERE ARE ANY PROBLEMS NOTED DURING INSPECTION (BY THE SANITARIAN, ENGINEER, OR INSTALLER) FURTHER TESTING AND/OR PERMIT REVOCATION MAY TAKE PLACE IN ORDER TO CONFIRM CONFORMANCE WITH THE PROPOSED DESIGN CRITERIA AND PROTECTION OF THE SSDS.

EROSION AND SEDIMENTATION CONTROL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AND TOWN OF DARIEN REGULATIONS.
2. ALL CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLAN(S).
3. ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
4. ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
5. NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE TOWN.
6. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE TOWN OR ITS AUTHORIZED AGENT.
7. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
8. ANY CONTROL MEASURES RETAINING SEDIMENT OVER ½ THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
9. ALL CATCH BASINS LOCATED DOWN-GRADE OF THE SITE SHALL BE PROTECTED BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
10. ALL NEW AND EXISTING CATCH BASINS LOCATED ON THE SITE SHALL BE PROTECTED BY STAKED HAYBALES AND BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
11. ALL SEDIMENT SHALL BE IMMEDIATELY REMOVED FROM NEW AND EXISTING DRAINAGE STRUCTURES AND PIPING IMPACTED BY THE PROPOSED CONSTRUCTION.
12. SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
13. THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.
14. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT NO DRAINAGE FROM TOWN ROADS ENTERS THE SITE DURING OR AFTER CONSTRUCTION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF THE CONTRACT. THE CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
16. TEMPORARY STOCKPILING OF CONSTRUCTION MATERIALS SHALL ONLY BE ALLOWED IN THE LOCATIONS SHOWN ON THE PLAN(S). STOCKPILE AREAS SHALL BE FULLY ENCLOSED BY SILT FENCE.
17. ALL GROUNDWATER EXTRACTED DURING DEWATERING OF EXCAVATIONS SHALL BE DIRECTED TO A TEMPORARY SEDIMENTATION BASIN.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE TOWN OF ANY TRANSFER OF THIS RESPONSIBILITY.

WELL ABANDONING NOTES:

ABANDONMENT OF WELL SHALL COMPLY WITH THE 1985 STATE OF CONNECTICUT, DEPARTMENT OF CONSUMER PROTECTION, WELL DRILLING BOARD RULES AND REGULATIONS, PART 3, ABANDONMENT OF WELLS, SECTION 25-128-56. ABANDONMENT OF WELLS, RESPONSIBILITY: ANY WELL THAT IS ABANDONED SHALL NOT BE A SOURCE OR CAUSE OF CONTAMINATION OR POLLUTION OF GROUNDWATER RESOURCES. THE REGISTERED WELL DRILLING CONTRACTOR WHO PERFORMS THE WORK SHALL BE RESPONSIBLE FOR COMPLIANCES WITH THE PROCEDURE OF ABANDONMENT OF THE WELL, AS PROVIDED IN THIS PART AND SECTION 12-128-57. PROCEDURE OF ABANDONMENT: IN THE EVENT OF ABANDONMENT OF ANY WATER WELL OR OTHER TYPE OF WELL AS INDICATED, THE PROPER PROCEDURE AND MATERIALS SHALL BE USED AS FOLLOWS:

a. THE WELL SHALL BE PLUGGED TO PREVENT THE ENTRANCE OF SURFACE WATER, CIRCULATION OF WATER BETWEEN OR AMONG PRODUCING ZONES, OR ANY PROCESS RESULTING IN THE CONTAMINATION OR POLLUTION OF GROUNDWATER RESOURCES.
b. IN THE EVENT OF TEMPORARY ABANDONMENT OR DISCONTINUANCE OF THE USE OF ANY WELL, THE WELL SHALL BE SEALED WITH A WATERTIGHT CAP OR SEAL AS PROVIDED BY SECTION 25-128-42 (c)
c. THE WELL SHALL BE CHLORINATED PRIOR TO ABANDONMENT USING A CHLORINE SOLUTION WITH A MINIMUM CONCENTRATION OF ONE HUNDRED FIFTY PARTS PER MILLION (150 PPM) OF RESIDUAL CHLORINE.
d. THE WELL SHALL BE CHECKED FROM LAND SURFACE TO THE ENTIRE DEPTH BEFORE IT IS SEALED, TO INSURE AGAINST THE PRESENCE OF ANY OBSTRUCTION THAT WILL INTERFERE WITH SEALING OPERATIONS.
e. ALL CASING AND SCREEN MATERIALS THAT HAVE SALVAGE VALUE MAY BE REMOVED BY THE CONTRACTOR.
f. THE WELL BORE SHALL BE LIFTED AND SEALED WITH ANY OF THE FOLLOWING MATERIALS: HEAT CEMENT GROUT, SAND CEMENT GROUT, BENTONITE CLAY GROUT, OR SAND CLAY OR BENTONITE CEMENT GROUT.
g. THE GROUT MATERIAL SHALL BE PLACED THROUGH A PIPE EXTENDING TO THE BOTTOM OF THE WELL, WHICH SHALL BE RAISED AS THE WELL IS FILLED.
h. ANY WELL CONSTRUCTED IN A CONSOLIDATED ROCK FORMATION, MAY BE FILLED WITH FINE SAND IN THE ZONE OR ZONES OF CONSOLIDATED ROCK AND THE REMAINING PORTIONS OF THE WELL SHALL BE FILLED WITH ANY OF THE MATERIALS AS SPECIFIED IN SUBSECTION (F).
i. UPON COMPLETION OF ABANDONMENT OF THE WELL, THE TOP OF THE CASING OR GROUT MATERIAL SHALL BE TERMINATED AT LEASE FOUR (4) FEET BELOW THE GROUND SURFACE.

LEGEND

— — ·149 — —	EXISTING CONTOURS
— —150— —	EXISTING CONTOURS
▬ ▬ · · ▬ ▬	PROPERTY LINE
▬ – – – ▬	BUILDING SETBACK LINE
—□——□—	ORANGE CONSTRUCTION FENCE
—— X ——	SILT FENCE
——[150]——	PROPOSED CONTOURS
◁ ◁ ◁ ◁	LIMIT OF BERM MATERIAL
○ ○ ○ ○	LIMIT OF SELECT FILL
—— —— ——	UPLAND REVIEW AREA
DTH# ⊕	DEEP TEST HOLES
P-# ▲	PERCOLATION TEST HOLE

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
SCALE: 1 in. = 20 ft

MAP 07, LOT 22

IMPORTANT NOTE:

Additional underground utilities may exist
Prior to any excavation or construction,
Contact:

"CALL BEFORE YOU DIG"
1-800-922-4455

NO.	DATE	REV. BY	DESCRIPTION
2	10/26/20	SDI	REVISED SITE GRADINGS PER REVIEW COMMENTS
1	09/14/20	SDI	FOR SUBMISSION TO HEALTH DEPARTMENT

ISSUE / REVISION

DiVesta
Civil Engineering Associates, Inc.
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Roxbury, Connecticut 06783
Phone 860-354-4226 Fax 860-354-4226
E- mail dceainc@charter.net

PROJECT TITLE:

GJYLIQI RESIDENCE
16 OX RIDGE ROAD
DARIEN, CONNECTICUT

PROPOSED ON-SITE SUBSURFACE SEWAGE DISPOSAL SYSTEM

STAMP:

NOT VALID WITHOUT ORIGINAL SEAL AND SIGNATURE

DRAWING NO. 20-050	
DRAWN BY: SDI	APPROVED BY: DD
SCALE: 1"=20'	DRAWING DATE: 09/14/20
SHEET NO. 1 OF 2	